

2008-2018 REGION 11 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change	Annual Growth Rate (%)	Annual New Jobs	Annual Replacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Annual Salary	2011 Median Wage	2011 Median Annual Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education Level**	Top Skills***
00-0000	Total, All Occupations	450,725	507,995	57,270	1.3	5,980	10,230	16,210										
11-0000	Management Occupations	31,700	33,920	2,220	0.7	250	610	860										
11-1011	Chief Executives	1,165	1,185	20	0.2	*	*	35	\$80.52	\$167,485	\$42.74	\$88,907	\$70.99	\$147,662	\$99.41	\$206,773	4	C1, SY1, B2, B3, B7, B9
11-1021	General and Operations Managers	3,355	3,465	110	0.3	10	95	110	54.88	114,154	26.97	56,099	45.80	95,258	68.83	143,182	4	B2, B7, B9, B3, B6
11-1031	Legislators	705	655	-55	-0.8	0	20	20	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4	
11-2021	Marketing Managers	670	775	105	1.6	10	15	25	50.56	105,164	32.34	67,263	46.53	96,789	59.67	124,114	4	B2, B3, SO4, SO6, B9
11-2022	Sales Managers	775	925	150	1.9	15	15	30	50.11	104,224	27.34	56,873	43.43	90,343	61.49	127,900	4	B9, B2, SO6, SO4, SO1, B3, B6, SO5
11-2031	Public Relations Managers	250	285	35	1.4	5	5	10	40.56	84,351	24.37	50,706	37.88	78,789	48.65	101,174	4	B9, B2, B7, SO6, B10
11-3011	Administrative Services Managers	1,400	1,555	155	1.1	15	30	45	42.24	87,876	28.45	59,161	42.44	88,274	49.15	102,234	4	B9, B2, SO1, B7, R4, B10
11-3021	Computer and Information Systems Managers	955	1,175	220	2.3	20	15	40	53.83	111,956	39.70	82,593	52.72	109,659	60.89	126,637	4	B7, B2, B3, C1, B6, B10
11-3031	Financial Managers	2,345	2,640	295	1.3	30	40	70	53.90	112,106	31.63	65,792	48.46	100,812	65.03	135,263	4	C1, B3, B2, B7, SY1, B9, B10
11-3051	Industrial Production Managers	380	400	20	0.5	*	*	15	43.95	91,418	26.90	55,951	38.79	80,676	52.48	109,152	8	SO1, B3, B6, R3, R4
11-3071	Transportation, Storage, and Distribution Managers	310	305	-5	-0.2	0	10	10	36.34	75,595	24.87	51,729	34.97	72,744	42.08	87,528	8	B7, B9, B2, SO1, B3, R4
11-9012	Farmers and Ranchers	7,560	7,340	-220	-0.3	0	45	45	33.46	69,588	14.25	29,645	15.79	32,841	43.06	89,599	9	T4, T5, SY1, B3, T1, B6, T8, T11
11-9021	Construction Managers	950	1,140	185	1.9	20	5	25	38.89	80,903	23.50	48,874	34.41	71,583	46.59	96,917	5	R4, B2, B3, R3, B9
11-9031	Education Administrators, Preschool and Child Care Center/Program	200	225	25	1.3	5	5	10	19.82	41,220	12.57	26,147	18.50	38,484	23.44	48,755	4	B2, B6, B9, SO1, B3, B7, SO6, R4
11-9032	Education Administrators, Elementary and Secondary School	835	920	80	1.0	10	25	35	N.A.	103,084	N.A.	69,149	N.A.	89,797	N.A.	120,052	4	B2, B7, B9, B3, B10
11-9033	Education Administrators, Postsecondary	550	570	20	0.4	*	*	20	48.57	101,026	23.10	48,049	39.77	82,723	61.30	127,513	4	B2, B3, B7, B9, SY1, B6, B10
11-9039	Education Administrators, All Other	255	335	80	3.1	10	10	15	40.07	83,351	28.22	58,702	40.33	83,897	45.99	95,675	4	
11-9051	Food Service Managers	785	850	70	0.9	5	15	20	20.13	41,861	13.39	27,848	18.42	38,309	23.49	48,868	8	SO5, SO1, B3, B9, R3, B6, SO6, R4
11-9111	Medical and Health Services Managers	1,400	1,640	240	1.7	25	25	50	40.17	83,563	24.60	51,152	37.36	77,711	47.96	99,768	4	B7, B9, B2, B3, SY1
11-9121	Natural Sciences Managers	175	200	25	1.4	5	5	10	62.20	131,467	42.99	89,416	60.34	125,508	73.32	152,493	4	B9, B8, B3, B2, B7, B10
11-9141	Property, Real Estate, and Community Association Managers	655	725	70	1.1	5	10	20	25.70	53,468	12.90	26,831	20.93	43,542	32.11	66,787	5	B9, B2, SO3, SO2, B10
11-9151	Social and Community Service Managers	595	680	85	1.4	10	15	25	29.78	61,938	17.51	36,410	28.98	60,268	35.92	74,702	5	B2, B9, R4, SO1, B3, SY1, R3, SO6
11-9199	Managers, All Other	3,980	4,365	385	1.0	40	105	140	42.82	89,078	24.12	50,173	40.02	83,237	52.18	108,530	8	
13-0000	Business and Financial Operations Occupations	30,015	35,790	5,775	1.9	575	610	1,190										
13-1022	Wholesale and Retail Buyers, Except Farm Products	435	440	5	0.1	0	10	10	22.55	46,911	16.04	33,375	21.44	44,585	25.81	53,680	9	B2, SO3, SO4, B9, B3
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	720	875	160	2.2	15	20	35	25.41	52,859	17.61	36,621	24.06	50,049	29.31	60,977	9	B9, B2, B3, SY1, B6, SO3, B7
13-1031	Claims Adjusters, Examiners, and Investigators	2,985	3,450	465	1.6	45	75	125	25.92	53,900	17.82	37,069	24.96	51,912	29.96	62,315	9	B7, B10, B2, B3, B9
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	805	1,050	245	3.0	25	10	35	29.70	61,777	19.79	41,172	28.51	59,291	34.66	72,080	9	B1, B3, B9, C1, B7
13-1051	Cost Estimators	680	875	195	2.9	20	15	35	26.82	55,794	19.22	39,984	25.32	52,672	30.62	63,699	5	B5, B3, B2, SY1
13-1071	Employment, Recruitment, and Placement Specialists	630	785	160	2.5	15	15	30	26.09	54,279	17.05	35,467	25.56	53,167	30.62	63,684	5	B2, B7, B9, SO6, B10
13-1072	Compensation, Benefits, and Job Analysis Specialists	905	1,150	245	2.7	25	25	50	25.48	53,009	17.79	36,994	24.45	50,868	29.33	61,016	5	B2, B3, B7, B9, C1, SY2, B10
13-1073	Training and Development Specialists	1,095	1,390	295	2.7	30	30	60	24.82	51,628	16.10	33,486	23.48	48,833	29.18	60,699	5	B9, SO2, B4, B7, B2
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	965	1,185	220	2.3	20	25	45	26.09	54,279	17.05	35,467	25.56	53,167	30.62	63,684	5	B3, B2, C1, B6, B7
13-1081	Logisticians	190	230	45	2.4	5	5	10	30.11	62,641	24.21	50,366	28.26	58,800	33.07	68,777	5	B3, B2, C1, B6, B7
13-1111	Management Analysts	3,785	4,340	555	1.5	55	65	120	33.42	69,513	22.70	47,216	31.76	66,069	38.78	80,662	4	B2, B7, B9, B3, C1
13-1121	Meeting and Convention Planners	425	290	-40	-1.6	5	5	10	22.47	46,746	16.15	33,594	19.67	40,914	25.63	53,322	5	B2, B9, B3, B7, R4
13-1199	Business Operations Specialists, All Other	7,750	5,320	-2,430	-3.1	60	105	165	29.08	60,475	17.37	36,140	27.53	57,265	34.92	72,643	5	
13-2011	Accountants and Auditors	4,220	5,240	1,020	2.4	100	70	175	32.11	66,782	20.06	41,707	27.54	57,284	38.13	79,319	5	B2, B5, B7, B10, B9
13-2041	Credit Analysts	330	425	95	2.9	10	5	15	31.49	65,489	20.65	42,968	27.87	57,963	36.90	76,751	5	B3, B1, B2, SY1, B7, B9
13-2051	Financial Analysts	1,160	1,435	280	2.4	30	20	50	35.86	74,606	23.68	49,262	32.85	68,313	41.96	87,278	5	B3, B7, B10, B2, C1
13-2052	Personal Financial Advisors	700	975	275	3.9	30	10	35	36.13	75,141	18.37	38,215	29.91	62,215	45.00	93,605	5	B3, B9, B7, SY1, B10
13-2053	Insurance Underwriters	1,380	1,480	100	0.7	10	40	50	29.37	61,099	21.63	44,991	28.16	58,582	33.24	69,154	5	B2, SY1, B7, B3, B9
13-2061	Financial Examiners	280	395	120	4.3	10	5	15	37.43	77,845	23.40	48,663	33.53	69,731	44.44	92,435	5	C1, B7, B9, B1, B2, SO2, SY1, R4, B10
13-2072	Loan Officers	1,980	2,445	465	2.3	45	20	70	30.72	63,898	21.01	43,704	29.87	62,122	35.58	73,996	10	B9, B2, SY1, B7, B3
13-2099	Financial Specialists, All Other	530	635	100	1.9	10	10	20	26.13	54,346	14.63	30,437	25.14	52,271	31.87	66,300	5	
15-0000	Computer and Mathematical Occupations	14,640	18,075	3,435	2.3	350	290	635										
15-1021	Computer Programmers	1,915	1,870	-45	-0.2	0	35	35	34.05	70,835	24.25	50,441	33.20	69,058	38.96	81,032	5	T7, B7, C1, B3, B2, T8
15-1031	Computer Software Engineers, Applications	1,620	2,230	615	3.8	60	15	75	36.93	76,821	27.89	58,022	36.07	75,021	41.45	86,221	5	C1, T7, SY2, SY1, SY3
15-1032	Computer Software Engineers, Systems Software	735	1,050	310	4.2	30	5	35	36.93	76,821	27.89	58,022	36.07	75,021	41.45	86,221	5	B3, B2, T7, B7, C1
15-1041	Computer Support Specialists	2,115	2,450	335	1.6	35	60	95	21.95	45,663	14.80	30,775	20.43	42,505	25.53	53,106	6	B2, B9, B7, B3, B10
15-1051	Computer Systems Analysts	3,560	4,465	905	2.5	90	75	165	35.85	74,579	25.25	52,516	35.57	73,985	41.15	85,610	5	B3, B2, B7, B9, SY2
15-1071	Network and Computer Systems Administrators	1,380	1,705	320	2.3	30	25	55	33.55	69,788	23.46	48,795	33.37	69,407	38.60	80,284	5	B3, B7, SY2, C1, SY1, B6, SY3
15-1081	Network Systems and Data Communications Analysts	1,100	1,690	590	5.4	60	20	80	33.55	69,788	23.46	48,795	33.37	69,407	38.60	80,284	5	SY2, B1, B2, C1, B3, B6, T6, B9, SY3
15-1099	Computer Specialists, All Other	710	810	100	1.4	10	15	25	31.36	65,229	20.75	43,152	31.51	65,544	36.67	76,268	6	
15-2011	Actuaries	410	505	95	2.3	10	10	20	48.86	101,634	30.35	63,108	47.84	99,506	58.12	120,897	4	B5, B3, SY1, C1, B7
15-2031	Operations Research Analysts	680	805	125	1.8	15	20	35	26.10	54,294</								

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19-3021	Market Research Analysts	1,070	1,345	270	2.5	25	30	55	25.94	53,943	15.92	33,122	23.45	48,765	30.94	64,353	5	B7, B2, C1, B3, SY1, B9, B10
19-3031	Clinical, Counseling, and School Psychologists	295	315	25	0.8	*	*	10	34.69	72,152	20.49	42,613	30.64	63,725	41.79	86,921	2	B2, B7, S06, B9, B10
19-4011	Agricultural and Food Science Technicians	375	420	45	1.2	5	15	20	18.08	37,612	13.81	28,732	17.37	36,133	20.22	42,052	6	B7, B3, B10, B2, C1, SO1, B9
19-4021	Biological Technicians	400	435	35	0.9	5	15	20	18.19	37,828	10.95	22,784	17.10	35,553	21.80	45,349	5	B7, B2, B3, B8, C1
19-4099	Life, Physical, and Social Science Technicians, All Other	150	175	30	2.0	5	5	10	22.81	47,443	17.40	36,200	22.24	46,249	25.51	53,063	6	
21-0000	Community and Social Services Occupations	6,250	7,295	1,050	1.7	105	135	240										
21-1012	Educational, Vocational, and School Counselors	660	755	95	1.4	10	15	20	24.34	50,628	16.30	33,915	22.63	47,071	28.36	58,985	3	B2, B9, B7, S06, B3, B10
21-1015	Rehabilitation Counselors	575	725	145	2.5	15	10	25	14.81	30,803	10.60	22,051	13.17	27,385	16.91	35,179	3	B2, B9, S06, SO1, B6
21-1021	Child, Family, and School Social Workers	925	1,010	90	1.0	10	25	30	19.22	39,994	12.03	25,012	18.52	38,525	22.83	47,485	5	B2, B9, B7, S06, B3, B6, S05
21-1022	Medical and Public Health Social Workers	350	440	90	2.6	10	10	20	21.66	45,035	16.50	34,323	21.11	43,907	24.23	50,392	5	B2, S06, B9, S05, B7
21-1023	Mental Health and Substance Abuse Social Workers	385	485	100	2.6	10	10	20	17.43	36,266	13.16	27,379	16.20	33,696	19.57	40,710	3	S06, B2, B9, S05, B3, B7
21-1029	Social Workers, All Other	215	240	25	1.2	5	5	10	23.70	49,301	16.04	33,366	22.27	46,322	27.53	57,268	5	
21-1093	Social and Human Service Assistants	1,210	1,305	95	0.8	10	25	35	14.46	30,084	8.58	17,839	14.61	30,404	17.41	36,207	10	S05, S06, B2, B9, B7, B10
21-1099	Community and Social Service Specialists, All Other	805	985	180	2.2	20	15	35	17.63	36,665	11.52	23,968	16.51	34,338	20.68	43,013	5	
23-0000	Legal Occupations	3,785	4,345	560	1.5	55	65	120										
23-1011	Lawyers	2,070	2,350	275	1.3	30	40	65	60.32	125,469	33.36	69,385	52.82	109,865	73.80	153,511	1	B2, B9, B3, B7, C1, SY1, B10
23-2011	Paralegals and Legal Assistants	620	805	180	2.9	20	5	25	21.65	45,015	14.92	31,037	21.94	45,642	25.00	52,003	6	B7, B2, B9, B10, B3
25-0000	Education, Training, and Library Occupations	25,330	29,330	4,000	1.6	400	555	955										
25-1011	Business Teachers, Postsecondary	355	415	60	1.7	5	5	10	N.A.	81,261	N.A.	35,968	N.A.	53,202	N.A.	103,907	2	B9, B7, B10, S02, B2, B3, B4
25-1071	Health Specialties Teachers, Postsecondary	445	515	70	1.6	5	10	15	N.A.	92,957	N.A.	48,415	N.A.	89,676	N.A.	115,228	2	B7, B9, S02, B3, B2, C1, B4, B10
25-1081	Education Teachers, Postsecondary	240	275	40	1.7	5	5	10	N.A.	70,185	N.A.	44,253	N.A.	70,258	N.A.	83,152	2	B9, B7, B2, B10, S02, B6
25-1121	Art, Drama, and Music Teachers, Postsecondary	285	335	45	1.6	5	5	10	N.A.	60,978	N.A.	41,264	N.A.	62,890	N.A.	70,834	2	S02, B9, B4, B7, B2, B3, B6, B10
25-1123	English Language and Literature Teachers, Postsecondary	220	255	35	1.6	5	5	10	N.A.	62,746	N.A.	40,014	N.A.	61,320	N.A.	74,114	2	B7, B9, S02, B10, B2
25-1194	Vocational Education Teachers, Postsecondary	275	320	45	1.6	5	5	10	27.89	58,019	16.83	35,018	26.60	55,335	33.42	69,520	2	S02, B4, B2, B3, B6
25-2011	Preschool Teachers, Except Special Education	1,385	1,675	290	2.1	30	30	55	14.88	30,954	8.64	17,972	11.09	23,080	18.00	37,446	7	B9, B4, S02, B2, SO1, S06
25-2012	Kindergarten Teachers, Except Special Education	565	655	95	1.7	10	10	20	N.A.	55,244	N.A.	34,583	N.A.	50,358	N.A.	65,574	5	S02, B2, S06, B9, SO1, B4, B6
25-2021	Elementary School Teachers, Except Special Education	3,675	4,305	625	1.7	65	85	145	N.A.	54,037	N.A.	36,962	N.A.	50,922	N.A.	62,574	5	S02, B9, B4, B2, B1, B6, S06
25-2022	Middle School Teachers, Except Special and Vocational Education	1,455	1,695	240	1.6	25	35	55	N.A.	58,407	N.A.	35,970	N.A.	52,597	N.A.	69,625	5	S02, B2, B7, B4, S06, B10
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,640	2,900	260	1.0	25	75	105	N.A.	52,568	N.A.	37,743	N.A.	49,357	N.A.	59,979	5	S02, B4, B9, B2, SO1, B3
25-2032	Vocational Education Teachers, Secondary School	225	250	25	1.1	*	*	10	N.A.	50,597	N.A.	35,956	N.A.	50,530	N.A.	57,918	4	S02, B2, B7, B9, B10
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	885	1,055	175	2.0	15	25	40	N.A.	53,421	N.A.	38,276	N.A.	48,750	N.A.	60,994	5	S02, B4, S06, B9, B2
25-2043	Special Education Teachers, Secondary School	500	570	70	1.4	5	15	20	N.A.	46,550	N.A.	31,658	N.A.	45,435	N.A.	53,996	5	S02, B4, B2, B6, S05, B9
25-3099	Teachers and Instructors, All Other	2,115	2,495	380	1.8	40	35	70	N.A.	29,295	N.A.	23,213	N.A.	27,810	N.A.	32,335	5	
25-4021	Librarians	350	375	20	0.6	*	*	10	26.82	55,766	17.01	35,372	27.05	56,272	31.71	65,963	3	B7, B2, B9, B10, B6
25-4031	Library Technicians	575	610	35	0.6	5	25	30	15.11	31,430	9.29	19,319	13.99	29,104	18.02	37,485	7	B6, B9, B2, S05, B3, S06
25-9031	Instructional Coordinators	560	670	110	2.0	10	10	25	32.91	68,451	25.08	52,161	34.45	71,661	36.83	76,597	3	B7, B9, B4, B10, B1, B2, B6
25-9041	Teacher Assistants	3,510	3,925	415	1.2	40	75	115	N.A.	21,420	N.A.	17,007	N.A.	20,615	N.A.	23,626	11	B2, B9, SO1, B6, S05, S06
25-9099	Education, Training, and Library Workers, All Other	385	450	65	1.7	5	10	15	18.93	39,369	12.45	25,895	19.61	40,790	22.16	46,106	5	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	8,605	9,685	1,085	1.3	115	220	335										
27-1023	Floral Designers	265	270	0	0.0	0	10	10	12.59	26,180	9.60	19,961	12.50	25,984	14.08	29,289	11	B2, B9, R4, S05, B3, SY1, S06
27-1024	Graphic Designers	1,005	1,140	135	1.3	15	30	45	22.45	46,688	14.59	30,362	21.40	44,512	26.37	54,851	5	B2, T6, B9, B10, B3, B7
27-1025	Interior Designers	235	280	45	1.9	5	5	10	22.84	47,506	15.22	31,671	19.43	40,419	26.64	55,424	6	B2, B9, B7, S05, S06
27-1026	Merchandise Displayers and Window Trimmers	560	635	75	1.3	5	15	25	13.82	28,747	9.72	20,218	13.33	27,721	15.88	33,011	10	B2, B9, B3, SY1, S06, R4
27-2022	Coaches and Scouts	1,210	1,525	315	2.6	30	25	55	N.A.	26,747	N.A.	17,299	N.A.	19,011	N.A.	31,471	9	S02, B9, B3, SY1, B6
27-3022	Reporters and Correspondents	300	270	-30	-1.0	0	10	10	15.22	31,658	9.61	19,973	13.70	28,498	18.03	37,501	5	B2, B9, B10, B7, B3, R4
27-3031	Public Relations Specialists	680	835	155	2.3	15	15	30	24.78	51,535	16.50	34,315	23.13	48,117	28.91	60,144	5	B9, B2, B3, B7, B10
27-3041	Editors	720	695	-20	-0.3	0	20	20	29.75	61,868	20.20	42,027	27.65	57,516	34.51	71,788	5	B7, B10, B2, B3, T8
27-3043	Writers and Authors	525	605	80	1.5	10	10	20	26.36	54,818	15.89	33,039	22.25	46,275	31.59	65,707	5	B7, B10, B2, B9, B3
27-3091	Interpreters and Translators	150	190	40	2.7	5	5	10	19.39	40,320	14.07	29,273	18.00	37,437	22.04	45,843	9	B7, B9, B2, B6, B10
27-4021	Photographers	330	365	35	1.1	5	5	10	13.07	27,182	8.87	18,466	11.83	24,604	15.16	31,541	9	B2, B9, S06, B3, SO1, SY2, B6, T6, B7
29-0000	Healthcare Practitioners and Technical Occupations	20,165	24,725	4,560	2.3	455	410	865										
29-1021	Dentists, General	255	290	35	1.4	5	5	10	92.03	191,416	53.44	111,148	N.A.	N.A.	111.32	231,551	1	B3, SY1, B2, B6, S06, B9
29-1031	Dietitians and Nutritionists	230	270	40	1.7	5	10	10	22.23	46,233	17.55	36,509	21.53	44,797	24.57	51,094	5	B2, B9, B10, B3, SO1, B7, S06
29-1041	Optometrists	120	160	40	3.3	5	5	10	57.13	118,827	35.19	73,200	54.05	112,430	68.09	141,640	1	B8, B2, B3, B9, SO1, B7, S05
29-1051	Pharmacists	910	1,030	125	1.4	10	20	30	46.47	96,652	32.74	68,100	50.03	104,056	53.34	110,928	1	B2, B7, B1, B3, B9
29-1062	Family and General Practitioners	600	745	145	2.4	15	10	25	104.32	216,987	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1	B2, B3, B9, B8, S06
29-1069	Physicians and Surgeons, All Other	465	560	95	2.0	10	10	20	77.90	162,032	27.46	57,118	78.64	163,557	103.12	214,489	1	
29-1071	Physician Assistants	220	310	90	4.1	10	5	15	41.37	86,039	34.79	72,372	40.98	85,235	44.65	92,871	3	B2, B3, B9, B7, SY1, B6, S06
29-1111	Registered Nurses	7,955	9,880	1,925	2.4	195	140	330	27.40	56,980	20.43							

2008-2018 REGION 11 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change	Annual Growth Rate (%)	Annual New Jobs	Annual Replacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Annual Salary	2011 Median Wage	2011 Median Annual Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education/Training Level**	Top Skills***
29-2052	Pharmacy Technicians	880	1,135	255	2.9	25	20	45	13.66	28,400	10.64	22,150	13.48	28,050	15.15	31,525	10	B2, B7, B9, B3, SO5, SO6
29-2056	Veterinary Technologists and Technicians	240	320	85	3.5	10	5	15	13.87	28,851	9.82	20,430	13.35	27,764	15.90	33,061	6	B3, B6, B2, B9, SO5
29-2061	Licensed Practical and Licensed Vocational Nurses	1,320	1,635	310	2.3	30	40	70	17.88	37,196	14.40	29,961	18.04	37,520	19.62	40,814	7	B2, B9, B3, B7, SO1, SO5
29-2071	Medical Records and Health Information Technicians	815	990	180	2.2	20	15	35	14.98	31,163	10.68	22,201	13.70	28,488	17.14	35,644	6	B2, B7, B9, B3, B6, R4
29-2081	Opticians, Dispensing	300	340	35	1.2	5	5	10	13.48	28,049	10.90	22,661	13.58	28,231	14.78	30,743	9	B9, B2, B7, B1, B3, SO5, SO6
29-9099	Healthcare Practitioners and Technical Workers, All Other	385	450	65	1.7	5	15	20	26.58	55,294	13.97	29,061	25.16	52,316	32.89	68,412	7	
31-0000	Healthcare Support Occupations	10,630	13,515	2,885	2.7	290	115	405										
31-1012	Nursing Aides, Orderlies, and Attendants	4,775	5,835	1,060	2.2	105	50	155	12.39	25,786	9.74	20,255	12.21	25,396	13.73	28,551	7	SO6, SO5, B2, B6, SO1
31-9091	Dental Assistants	615	825	210	3.4	20	10	35	17.66	36,727	13.72	28,531	18.00	37,435	19.63	40,825	10	B9, B2, B7, SO5, B3
31-9092	Medical Assistants	870	1,145	275	3.2	30	10	40	15.95	33,183	12.86	26,755	15.49	32,231	17.50	36,396	10	B2, B9, SO6, B6, B7
31-9094	Medical Transcriptionists	750	890	140	1.9	15	10	20	14.88	30,941	11.03	22,944	14.50	30,152	16.80	34,939	7	B2, B7, B10, B9, R4
31-9099	Healthcare Support Workers, All Other	1,035	1,205	170	1.6	15	10	30	15.50	32,241	11.42	23,759	14.44	30,038	17.54	36,482	11	
33-0000	Protective Service Occupations	6,125	6,865	740	1.2	75	170	245										
33-1012	First-Line Supervisors/Managers of Police and Detectives	250	255	10	0.4	*	*	10	38.04	79,130	30.39	63,208	37.55	78,106	41.87	87,092	8	B2, B9, SO1, B3, R3, B6
33-3012	Correctional Officers and Jailers	555	560	5	0.1	0	10	10	21.72	45,161	17.80	37,024	22.07	45,903	23.67	49,230	10	B2, SO6, B9, B3, B6
33-3051	Police and Sheriff's Patrol Officers	1,110	1,145	35	0.3	5	30	35	24.99	51,972	19.27	40,090	25.73	53,517	27.85	57,913	9	B2, B3, B6, SO6, B9
33-9032	Security Guards	2,535	3,030	495	2.0	50	50	100	12.40	25,807	8.86	18,425	10.87	22,625	14.19	29,498	11	B2, B9, B3, SO1, B6, B7, SO5, SO6
33-9099	Protective Service Workers, All Other	230	280	50	2.2	5	15	20	12.52	26,059	8.54	17,766	11.31	23,530	14.52	30,205	11	
35-0000	Food Preparation and Serving Related Occupations	34,200	38,195	3,995	1.2	400	1,185	1,590										
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,605	2,850	245	0.9	25	25	50	14.58	30,321	10.31	21,433	13.34	27,737	16.72	34,767	8	B9, B2, SO1, SO5, R3, B6
35-2011	Cooks, Fast Food	1,320	1,450	130	1.0	15	35	45	8.34	17,351	7.86	16,357	8.00	16,621	8.58	17,848	11	B2, B9, SO1, SO5, B3, SO6
35-2012	Cooks, Institution and Cafeteria	1,735	1,860	120	0.7	10	45	55	11.90	24,740	9.22	19,179	11.70	24,354	13.23	27,519	10	R4, B2, B3, B6, B7, SO5
35-2014	Cooks, Restaurant	2,725	3,020	295	1.1	30	70	100	9.88	20,554	8.46	17,605	9.54	19,831	10.59	22,029	9	SO1, B6, B2, B3, SY1, T8, B9
35-2015	Cooks, Short Order	400	410	15	0.4	*	*	10	10.29	21,384	8.79	18,269	10.36	21,537	11.02	22,941	11	B2, SO1, SO5, R4, B9
35-2021	Food Preparation Workers	2,585	2,755	170	0.7	15	95	110	10.02	20,853	8.47	17,610	9.81	20,394	10.80	22,474	11	B2, B6, B9, SO1, R4
35-3011	Bartenders	1,690	1,875	185	1.1	20	60	80	9.10	18,921	8.09	16,810	8.66	18,021	9.61	19,975	11	B2, SO5, SO6, B9, B3
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	8,535	10,080	1,545	1.8	155	180	335	8.87	18,432	8.10	16,849	8.60	17,895	9.24	19,223	11	B2, SO5, SO6, B1, B6, SO6
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,435	1,585	155	1.1	15	105	120	8.88	18,460	7.91	16,463	8.60	17,904	9.35	19,459	11	B2, SO5, SO6, B9, B3, B7
35-3031	Waiters and Waitresses	6,595	7,235	635	1.0	65	365	430	9.90	20,596	8.05	16,738	8.80	18,302	10.83	22,524	11	B2, SO5, SO6, B9, SO1
35-3041	Food Servers, Nonrestaurant	695	785	90	1.3	10	20	30	10.13	21,082	8.22	17,096	9.35	19,454	11.10	23,075	11	B2, SO5, SO6, B9, SO1
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	875	975	100	1.1	10	40	50	9.47	19,699	8.18	17,015	9.19	19,121	10.11	21,040	11	SO5, SO6, B2, SO1, B6
35-9021	Dishwashers	1,455	1,675	220	1.5	20	60	80	8.85	18,396	7.95	16,536	8.54	17,760	9.29	19,325	11	R4, B2, SO1, B6, B3, T4, T5, T8, SO6
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,045	1,155	110	1.1	10	75	85	8.68	18,057	7.94	16,517	8.32	17,304	9.05	18,827	11	B2, B9, SO5, SO6, SO1, SO4
35-9099	Food Preparation and Serving Related Workers, All Other	330	305	-25	-0.8	0	15	15	10.85	22,581	8.58	17,860	10.56	21,969	11.99	24,941	11	
37-0000	Building and Grounds Cleaning and Maintenance Occupations	15,785	17,295	1,515	1.0	150	265	415										
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	660	715	55	0.8	5	5	15	17.45	36,295	11.54	24,006	17.03	35,435	20.41	42,438	8	SO6, B9, SO1, R3, B6, R4
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	290	350	60	2.1	5	5	10	24.04	49,985	14.70	30,582	23.94	49,811	28.70	59,686	8	B2, SO1, B3, R3, B6, B9
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	7,810	8,375	565	0.7	55	150	205	11.01	22,909	8.34	17,355	10.15	21,123	12.35	25,685	11	B3, B2, SO1, SO6, B9, R4
37-2012	Maids and Housekeeping Cleaners	3,225	3,280	55	0.2	5	60	65	9.76	20,286	8.25	17,164	9.40	19,555	10.51	21,848	11	B2, SO5, SO6, R4, B3, B6, B9
37-3011	Landscaping and Groundskeeping Workers	2,835	3,365	535	1.9	55	35	85	12.41	25,813	8.98	18,674	11.46	23,837	14.13	29,383	11	T4, B2, B3, B9, T5, R4
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	225	285	60	2.7	5	5	10	13.38	27,828	9.24	19,215	12.92	26,874	15.45	32,133	10	B2, B3, R4, C1, SY1, T4, T5, B7, B9
39-0000	Personal Care and Service Occupations	12,965	15,370	2,405	1.9	240	350	590										
39-1021	First-Line Supervisors/Managers of Personal Service Workers	380	445	65	1.7	5	10	15	23.70	49,305	15.05	31,299	23.61	49,109	28.03	58,308	8	B2, SO6, B3, B9, SO1
39-3031	Ushers, Lobby Attendants, and Ticket Takers	590	660	70	1.2	5	40	45	8.62	17,947	8.21	17,080	8.60	17,897	8.84	18,379	11	SO6, B2, SO5, B9, B3
39-3091	Amusement and Recreation Attendants	805	940	135	1.7	15	40	55	9.07	18,874	8.25	17,160	8.67	18,045	9.48	19,731	11	B9, B2, SO5, SO6, T4
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,390	2,670	285	1.2	30	35	65	12.94	26,919	8.74	18,195	11.52	23,955	15.04	31,280	7	B2, SO5, B3, B9, B1, SY1, SO6
39-9011	Child Care Workers	3,505	3,955	450	1.3	45	105	150	10.07	20,955	8.11	16,856	9.57	19,906	11.06	23,004	11	B6, SO5, B9, B3, SO6
39-9021	Personal and Home Care Aides	975	1,475	500	5.1	50	10	60	11.49	23,905	9.83	20,441	11.13	23,141	12.32	25,637	11	SO5, B2, SO6, B3, B9
39-9031	Fitness Trainers and Aerobics Instructors	1,020	1,340	320	3.1	30	20	50	12.58	26,150	8.36	17,398	11.13	23,135	14.67	30,527	7	SO2, SO5, B9, B2, B4, B6, SO6
39-9032	Recreation Workers	895	1,080	180	2.0	20	15	35	11.26	23,418	8.50	17,679	10.00	20,804	12.64	26,287	11	B2, SO1, SO5, SO6, B9
41-0000	Sales and Related Occupations	48,160	51,740	3,580	0.7	380	1,405	1,790										
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,445	5,705	265	0.5	25	115	145	18.88	39,266	11.58	24,081	16.96	35,279	22.53	46,858	8	B2, SO1, B3, B6, B6, SO5, B9
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,255	1,350	95	0.8	10	25	35	36.45	75,811	20.51	42,651	33.86	70,419	44.42	92,392	8	B9, SO1, R3, SO6, B2, B3, SY1, B6, R4
41-2011	Cashiers	9,765	10,195	430	0.4	45	440	480	9.48	19,719	8.29	17,242	9.05	18,826	10.08	20,958	11	B2, SO5, B9, B5, SO6
41-2021	Counter and Rental Clerks	1,360	1,385	20	0.1	*	*	40	12.34	25,678	8.14	16,944	10.59	22,039	14.45	30,046	11	B2, SO6, B9, B7, SO6
41-2031	Retail Salespersons	13,360	14,375	1,015	0.8	100	375	475	13.10	27,255	8.38	17,427	9.73	20,235	15.46	32,169	11	B2, SO4, B9, SO6, SO3, SO6
41-3011	Advertising Sales Agents	425	475	50	1.2	5	10	15	37.28	77,550	13.90	28,900	22.15	46,082	48.98	101,875	10	

2008-2018 REGION 11 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change	Annual Growth Rate (%)	Annual New Jobs	Annual Replacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Annual Salary	2011 Median Wage	2011 Median Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education Level**	Top Skills***
43-0000	Office and Administrative Support Occupations	76,685	85,205	8,520	1.1	975	1,585	2,560										
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,665	4,195	530	1.4	55	85	135	24.71	51,411	16.01	33,286	23.23	48,314	29.08	60,474	8	B2, B9, SO1, SO6, B3, R3
43-3011	Bill and Account Collectors	1,595	1,890	290	1.8	30	30	60	15.07	31,342	11.73	24,414	14.42	29,975	16.73	34,805	11	B2, B9, SO6, SO4, B3, SO3, B7
43-3021	Billing and Posting Clerks and Machine Operators	1,610	1,860	250	1.6	25	25	50	17.33	36,054	13.16	27,377	16.85	35,046	19.42	40,392	11	B2, B7, R4, B3, B9
43-3031	Bookkeeping, Accounting, and Auditing Clerks	6,930	7,870	940	1.4	95	85	175	16.97	35,285	12.29	25,561	16.77	34,874	19.30	40,148	10	B2, B7, B9, B3, B5, B6, R4, B10
43-3051	Payroll and Timekeeping Clerks	380	365	-15	-0.4	0	10	10	18.54	38,561	14.48	30,113	17.94	37,319	20.57	42,784	10	B2, B7, B9, R4, B6, B10
43-3071	Tellers	1,750	2,110	360	2.1	35	70	110	12.46	25,920	9.93	20,662	12.06	25,086	13.72	28,548	11	B2, B9, B3, B5, B7, SO5
43-4011	Brokerage Clerks	230	245	15	0.7	*	*	10	17.92	37,283	13.63	28,355	17.10	35,561	20.07	41,747	10	B2, B7, B9, R4, B3
43-4051	Customer Service Representatives	9,710	12,270	2,560	2.6	255	305	560	15.26	31,744	10.28	21,380	14.78	30,749	17.75	36,927	10	B2, B9, SO5, SO4, B7
43-4071	File Clerks	485	380	-105	-2.2	0	10	10	11.13	23,151	8.25	17,147	10.56	21,970	12.57	26,153	11	B7, B2, B9, B3, R4, B10
43-4081	Hotel, Motel, and Resort Desk Clerks	750	845	95	1.3	10	25	35	9.20	19,119	8.20	17,051	8.95	18,613	9.69	20,154	11	SO6, SO5, B9, B2, SO1
43-4111	Interviewers, Except Eligibility and Loan	365	450	85	2.3	10	10	20	14.42	29,981	11.57	24,060	14.00	29,116	15.83	32,941	11	B2, B9, B7, SO5, SO6
43-4121	Library Assistants, Clerical	395	420	25	0.6	5	15	20	12.28	25,538	8.47	17,627	10.71	22,260	14.18	29,494	11	SO5, B2, B7, SO1, B9
43-4131	Loan Interviewers and Clerks	2,400	2,780	380	1.6	40	60	95	16.33	33,981	13.57	28,229	16.23	33,754	17.72	36,857	11	B2, B9, B7, SO5, SO6, B10
43-4141	New Accounts Clerks	225	260	30	1.3	5	5	10	17.35	36,089	12.75	26,535	16.89	35,142	19.65	40,866	8	B9, B2, SO6, B6, SO5
43-4151	Order Clerks	740	495	-240	-3.2	0	20	20	16.46	34,226	10.40	21,640	15.63	32,520	19.48	40,520	11	B2, B9, B7, SO5, SO6
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	505	485	-20	-0.4	0	15	15	18.89	39,291	14.32	29,799	18.61	38,698	21.18	44,036	11	B7, B2, B9, B10, B3
43-4171	Receptionists and Information Clerks	3,505	4,055	550	1.6	55	95	150	13.09	27,232	9.59	19,950	12.71	26,447	14.84	30,872	11	B9, B2, SO5, B7, SO1, SO6
43-4199	Information and Record Clerks, All Other	460	415	-40	-0.9	0	15	15	18.66	38,801	14.51	30,180	18.76	39,025	20.73	43,111	11	
43-5021	Couriers and Messengers	475	470	-5	-0.1	0	10	10	12.00	24,958	9.14	19,000	11.28	23,459	13.43	27,937	11	B2, B3, SO3, R4
43-5032	Dispatchers, Except Police, Fire, and Ambulance	425	420	0	0.0	0	10	10	19.38	40,311	14.23	29,607	18.29	38,052	21.95	45,663	10	B2, B9, SO1, B7, R4
43-5052	Postal Service Mail Carriers	880	880	-5	-0.1	0	30	30	24.91	51,800	20.77	43,196	26.76	55,667	26.97	56,101	11	B2, B3, SO5, SO6, R4
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,130	790	-340	-3.0	0	10	10	23.64	49,169	19.18	39,883	25.71	53,484	25.88	53,812	11	B2, B6, B7, B9, B3
43-5061	Production, Planning, and Expediting Clerks	705	780	75	1.1	10	15	25	20.67	42,995	14.41	29,968	20.33	42,283	23.81	49,509	10	B7, B2, B3, B9, R4
43-5071	Shipping, Receiving, and Traffic Clerks	1,545	1,515	-30	-0.2	0	40	40	16.24	33,790	11.61	24,164	15.79	32,844	18.56	38,603	11	B7, B2, SY1, B6, R4
43-5081	Stock Clerks and Order Fillers	5,315	5,660	345	0.6	35	120	155	11.50	23,927	8.44	17,551	10.43	21,689	13.04	27,114	11	B9, B2, SO5, SO6, SO1, R4
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	275	235	-40	-1.5	0	10	10	13.79	28,701	9.82	20,416	12.79	26,595	15.79	32,843	11	B3, B7, B9, B10, B2, SO1, SO6
43-6011	Executive Secretaries and Administrative Assistants	4,970	5,645	675	1.4	70	65	135	21.65	45,047	15.67	32,591	20.59	42,828	24.65	51,276	8	B2, B7, B9, B7, SO1, B10
43-6012	Legal Secretaries	620	740	120	1.9	10	10	20	20.11	41,823	14.50	30,155	20.38	42,381	22.91	47,657	6	B10, B7, B2, B9, B3
43-6013	Medical Secretaries	1,165	1,475	305	2.6	30	15	45	14.62	30,414	11.51	23,949	14.56	30,289	16.18	33,646	10	B2, SO5, B9, B7, SO1, B10
43-6014	Secretaries, Except Legal, Medical, and Executive	4,995	5,230	235	0.5	25	65	90	16.08	33,445	11.81	24,548	15.50	32,225	18.22	37,894	10	B9, B2, B4, SO5, B10
43-9021	Data Entry Keyers	710	685	-25	-0.4	0	15	15	14.25	29,644	11.12	23,130	14.06	29,235	15.81	32,902	10	B7, B6, B2, B9, B10
43-9041	Insurance Claims and Policy Processing Clerks	1,725	1,910	185	1.1	20	25	40	16.77	34,889	13.13	27,320	16.23	33,760	18.60	38,672	10	B2, B7, B9, SO6, B3, B10
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,090	1,070	-20	-0.2	0	20	20	13.29	27,655	10.22	21,257	12.85	26,721	14.83	30,854	11	B3, B6, B7, B2, SO6, B9
43-9061	Office Clerks, General	10,540	12,135	1,595	1.5	160	145	305	14.45	30,044	10.16	21,151	13.86	28,813	16.58	34,490	11	B2, B7, B9, SO6, R4, B10
43-9071	Office Machine Operators, Except Computer	565	515	-50	-0.9	0	20	20	15.71	32,679	10.64	22,143	15.94	33,154	18.24	37,947	11	T4, T5, B6, R4, B2, C1, B3, SY1, B7
43-9199	Office and Administrative Support Workers, All Other	490	430	-60	-1.2	0	10	10	12.72	26,465	9.26	19,255	11.35	23,594	14.46	30,070	11	
45-0000	Farming, Fishing, and Forestry Occupations	1,385	1,445	60	0.4	5	35	40										
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	250	260	5	0.2	*	*	10	11.99	24,940	8.33	17,324	11.87	24,675	13.82	28,749	11	SO6, SO1, B3, B6, B2, T4, SO5, B9
45-2093	Farmworkers, Farm and Ranch Animals	335	335	0	0.0	0	10	10	17.03	35,421	11.86	24,663	18.43	38,329	19.61	40,800	11	B2, B7, B6, T4, T5
47-0000	Construction and Extraction Occupations	20,945	24,025	3,080	1.5	310	365	675										
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,685	1,940	255	1.5	25	35	60	28.60	59,494	19.84	41,257	26.86	55,885	32.99	68,613	8	B2, SO1, B3, B9, R4
47-2021	Brickmasons and Blockmasons	385	435	50	1.3	5	10	15	23.97	49,863	15.95	33,178	25.98	54,048	27.98	58,207	9	B3, B6, SO1, T8, R4
47-2031	Carpenters	4,275	4,805	530	1.2	55	55	105	18.61	38,700	13.35	27,758	17.80	37,030	21.24	44,171	9	B3, T2, T5, B2, SO1, SY1, B5, B6, T8, R4
47-2051	Cement Masons and Concrete Finishers	965	1,125	160	1.7	15	25	40	17.79	37,008	12.22	25,421	16.62	34,564	20.58	42,802	10	B6, B2, SO1, B3, SY1
47-2061	Construction Laborers	2,600	3,150	550	2.1	55	15	70	16.22	33,733	11.41	23,731	15.28	31,787	18.62	38,733	10	B9, SO1, B2, B3, T4, T5, SO6
47-2073	Operating Engineers and Other Construction Equipment Operators	1,350	1,560	210	1.6	20	25	45	19.67	40,918	13.31	27,673	19.96	41,521	22.86	47,539	10	T4, T5, B2, B6, B9
47-2081	Drywall and Ceiling Tile Installers	440	515	75	1.7	10	5	15	21.81	45,383	15.45	32,135	20.54	42,718	25.01	52,007	10	B2, B3, B9, C1, SY1, B7
47-2111	Electricians	1,845	2,170	330	1.8	35	45	80	21.52	44,770	15.33	31,886	20.52	42,663	24.62	51,213	9	T11, T9, B2, B3, T5, T8
47-2121	Glaziers	230	260	30	1.3	5	10	10	18.91	39,335	11.18	23,244	18.49	38,463	22.78	47,381	9	B3, B7, B9, B2, SO1, T4
47-2141	Painters, Construction and Maintenance	990	1,080	90	0.9	10	15	25	18.43	38,336	11.46	23,829	17.02	35,399	21.92	45,589	10	B2, B3, SO6, B7, R4
47-2151	Pipelayers	320	385	65	2.0	5	5	15	21.03	43,758	15.43	32,108	21.79	45,326	23.84	49,583	11	T5, B2, T4, B3, T8
47-2152	Plumbers, Pipefitters, and Steamfitters	1,365	1,595	230	1.7	25	30	50	25.09	48,034	17.58	36,578	21.62	44,972	25.85	53,763	9	SO1, R4, B3, T5, B2, SY1, B6, B9
47-2211	Sheet Metal Workers	465	525	60	1.3	5	10	15	22.64	47,084	15.72	32,691	22.64	47,081	26.09	54,280	9	B3, SY1, R4, B5, B2, SO1, B6, B7, B9
47-2221	Structural Iron and Steel Workers	360	415	55	1.5	5	5	10	23.11	48,073	18.24	37,946	21.95	45,654	25.55	53,137	9	T4, T5, SO1, B3, SY1, B6, R4
47-4011	Construction and Building Inspectors	250	290	40	1.6	5	5	10	25.42	52,879	18.81	39,133	26.12	54,338	28.73	59,753	8	B2, B7, C1, B3, SY1, B9
47-4051	Highway Maintenance Workers	565	575	15	0.3	*	*	15	19.41	40,364	16.07</							

2008-2018 REGION 11 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change	Annual Growth Rate (%)	Annual New Jobs	Annual Replacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Salary	2011 Median Wage	2011 Median Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education/Training Level**	Top Skills***
49-9062	Medical Equipment Repairers	255	360	100	3.9	10	5	15	25.00	52,000	18.45	38,384	25.37	52,762	28.28	58,807	6	T1, T9, T11, T5, T8
49-9098	Helpers—Installation, Maintenance, and Repair Workers	150	165	15	1.0	*	*	10	15.92	33,124	10.42	21,692	14.36	29,867	18.68	38,841	11	B2, T5, T1, T2, B6, T4, B8, B9
51-0000	Production Occupations	28,075	29,855	1,780	0.6	225	605	830										
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,685	1,760	75	0.4	10	25	30	27.58	57,368	18.42	38,302	26.45	55,005	32.16	66,900	8	B3, R4, B2, B9, SO1, R3, B9
51-2031	Engine and Other Machine Assemblers	225	295	75	3.3	5	5	10	13.89	28,875	11.37	23,660	12.91	26,851	15.13	31,484	11	T5, B3, T8, B2, B6, B7
51-2041	Structural Metal Fabricators and Fitters	585	630	50	0.9	5	10	15	15.53	32,291	11.72	24,378	16.24	33,767	17.42	36,248	10	B2, B3, B9, B6, B7, SO6
51-2092	Team Assemblers	3,475	3,960	490	1.4	50	80	125	13.23	27,513	9.19	19,117	13.06	27,165	15.25	31,711	10	SO1, B2, B3, B9, B6, B7
51-2099	Assemblers and Fabricators, All Other	1,320	1,435	120	0.9	10	30	40	13.08	27,188	10.48	21,803	13.05	27,125	14.36	29,881	10	
51-3011	Bakers	290	300	10	0.3	*	*	10	11.87	24,679	9.18	19,104	11.51	23,950	13.21	27,468	9	B2, B6, SO1, B3, B7, SO6, B9
51-3021	Butchers and Meat Cutters	320	325	0	0.0	0	10	10	12.15	25,285	9.60	19,967	11.48	23,888	13.43	27,945	9	B6, B2, B3, SO4, SO6, B9
51-3092	Food Batchmakers	675	760	85	1.3	10	15	25	15.13	31,486	11.20	23,301	16.43	34,176	17.10	35,578	11	T4, B6, B7, T5, B2, B9
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	470	450	-25	-0.5	0	10	10	16.25	33,788	12.69	26,395	15.96	33,216	18.02	37,484	10	t5, B2, T4, T8, B6, B7
51-4041	Machinists	775	840	65	0.8	5	10	15	17.63	36,672	13.20	27,458	17.85	37,124	19.85	41,279	9	T5, T8, T4, T11, B3, B6
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	380	355	-30	-0.8	0	10	10	15.60	32,447	9.94	20,676	16.69	34,721	18.43	38,332	10	T5, T8, B6, C1, B3, T4
51-4121	Welders, Cutters, Solderers, and Brazers	1,640	1,745	105	0.6	10	50	60	17.54	36,468	13.56	28,210	17.10	35,570	19.52	40,596	7	B3, B2, B6, SY1, T4, T5
51-5023	Printing Machine Operators	1,240	1,275	35	0.3	5	25	30	17.42	36,241	11.78	24,499	16.80	34,931	20.24	42,112	10	T4, T5, B2, C1, B3
51-6011	Laundry and Dry-Cleaning Workers	665	665	-5	-0.1	0	10	10	10.69	22,246	8.28	17,222	10.14	21,088	11.90	24,759	10	B2, B3, B6, T4, B9
51-7011	Cabinetmakers and Bench Carpenters	345	390	45	1.3	5	10	10	16.83	34,999	12.75	26,517	16.50	34,321	18.86	39,240	9	T5, B6, T8, T2, T4, T11
51-8031	Water and Liquid Waste Treatment Plant and System Operators	315	375	60	1.9	5	5	15	21.96	45,675	17.13	35,637	21.62	44,980	24.37	50,694	9	T4, T5, B6, T8, B2, T1, B7, T11
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	385	465	80	2.1	10	5	15	16.28	33,858	12.60	26,201	15.38	31,974	18.12	37,687	10	T5, T4, B6, B7, B2, T8
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	175	215	40	2.3	5	5	10	15.60	32,438	12.15	25,286	15.81	32,889	17.31	36,015	10	T5, T4, B6, B2, B3, B7, B9
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	940	1,015	75	0.8	5	15	25	15.22	31,674	10.26	21,341	14.40	29,967	17.71	36,841	10	B3, B2, B9, B7, B6, T5
51-9111	Packaging and Filling Machine Operators and Tenders	875	945	70	0.8	5	15	20	14.50	30,149	10.67	22,209	14.40	29,968	16.40	34,119	11	B6, T5, B2, SO1, T8
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	515	615	95	1.8	10	15	25	19.45	40,462	14.82	30,830	20.49	42,611	21.77	45,278	10	T5, T8, T4, B6, B3, T11
51-9197	Tire Builders	1,450	1,280	-170	-1.2	0	50	50	18.10	37,657	9.36	19,453	19.91	41,399	22.48	46,759	10	T4, B2, T5, B3, B6, R4
51-9198	Helpers—Production Workers	590	660	70	1.2	5	10	15	13.90	28,907	10.79	22,430	13.94	29,000	15.46	32,145	11	B2, B3, B6, B7, SO6, B9
51-9199	Production Workers, All Other	1,025	1,090	65	0.6	5	25	30	15.19	31,603	11.53	23,964	14.08	29,289	17.03	35,422	10	
53-0000	Transportation and Material Moving Occupations	28,410	31,080	2,665	0.9	270	665	935										
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	590	575	-10	-0.2	0	10	10	25.48	53,000	18.00	37,429	24.84	51,678	29.23	60,786	8	B2, R3, B9, B3, R4
53-3021	Bus Drivers, Transit and Intercity	455	485	25	0.5	5	10	10	13.79	28,689	10.54	21,923	12.54	26,080	15.42	32,073	10	T4, T5, B2, R4, B3, SO5, SO6, B9
53-3022	Bus Drivers, School	1,590	1,640	45	0.3	5	30	35	15.07	31,335	9.14	19,019	13.75	28,616	18.03	37,492	10	B2, T4, T5, SO6, SO5, B9
53-3031	Driver/Sales Workers	1,255	1,320	65	0.5	5	20	30	13.30	27,654	8.59	17,862	11.06	23,000	15.65	32,551	11	B2, B9, SO6, B3, SO5
53-3032	Truck Drivers, Heavy and Tractor-Trailer	7,470	9,065	1,600	2.1	160	135	295	18.42	38,298	12.02	25,000	17.52	36,439	21.61	44,948	11	T4, T5, B6, B2, B3, T8
53-3033	Truck Drivers, Light or Delivery Services	2,340	2,485	145	0.6	15	40	55	14.56	30,287	9.30	19,356	13.71	28,515	17.18	35,753	11	B2, B9, B3, B6, T4, SO6
53-3041	Taxi Drivers and Chauffeurs	655	765	110	1.7	10	10	25	11.06	22,987	8.60	17,900	10.41	21,672	12.28	25,530	11	B2, SO5, T4, B9, SO6, R4
53-7021	Crane and Tower Operators	240	260	20	0.8	*	*	10	23.52	48,916	20.61	42,863	24.14	50,199	24.97	51,943	9	T4, T5, B6, B3, SY1, B7, T9, B9, R4, T11
53-7032	Excavating and Loading Machine and Dragline Operators	310	350	40	1.3	5	10	15	21.72	45,178	15.65	32,543	21.48	44,685	24.76	51,495	10	T4, T5, B6, SO1, B2, B3, B9, T11
53-7051	Industrial Truck and Tractor Operators	1,915	2,105	195	1.0	20	55	75	14.81	30,806	10.99	22,865	14.63	30,424	16.72	34,776	11	T4, T5, SO1, T1, B2, B3, B6
53-7061	Cleaners of Vehicles and Equipment	955	975	20	0.2	*	*	35	10.64	22,135	8.35	17,360	9.67	20,117	11.79	24,524	11	T4, T5, T8, B9, R4
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,315	6,505	190	0.3	20	205	220	12.68	26,380	9.17	19,075	11.86	24,673	14.44	30,032	11	B2, B3, T5, SO1, B6, B7, B9
53-7064	Packers and Packagers, Hand	1,680	1,710	30	0.2	5	30	30	12.30	25,575	8.65	18,006	11.97	24,896	14.12	29,361	11	B9, B2, B3, SY1, B6, T8
53-7081	Refuse and Recyclable Material Collectors	445	535	90	2.0	10	15	20	16.69	34,710	11.75	24,437	16.29	33,878	19.16	39,848	11	T4, T5, SO1, B3, B2, SY1, B6, SO6, B9

Legend:
Entry Wage = Average of the lowest third of reported wages for the occupation; **Experienced Wage** = Average of the upper two-thirds of reported wages for the occupation; **Mean Wage** = Average wage computed by dividing the estimated total wage for an occupation by its weighted employment;
Median Wage = The point at which 50% of the employment was below this wage and 50% was above; N.A. = Not Available; Compensation data based on 2011 Iowa Wage Survey unless otherwise noted; Wages for *Natural Sciences Managers, Actuaries, and Operations Research Analysts* based on 2010 OES data; Missing compensation data may be derived from calculation or proration of reported wage/salary data if available.

***Employment Data Suppression** (Occupational employment data may not add up or equal occupational group totals due to rounding and/or suppression of occupations with less than ten total annual openings).

****Education/Training Level** provides categorically the most significant education or training pathway to employment for each occupation according to the U.S. Department of Labor's Bureau of Labor Statistics (BLS). There may be alternative pathways into an occupation, however, as well as additional educational, training, or licensing requirements. Iowa Workforce Development (IWD) will use Iowa requirements when available. The levels are as follows: 1 = First Professional degree; 2 = Doctoral degree; 3 = Master's degree; 4 = Bachelor's or higher degree, plus work experience; 5 = Bachelor's degree; 6 = Associate degree; 7 = Postsecondary vocational training; 8 = Work experience in a related occupation; 9 = Long-term on-the-job training; 10 = Moderate-term on-the-job training; 11 = Short-term on-the-job training.

*****Top Skills** refers to those skills identified through questionnaire responses by sampled workers and occupational experts by the U.S. Department of Labor's Occupational Information Network (O*NET) as being the top five (or more if tied) most important for a particular occupation. These include:
Basic Skills: B1 = Active Learning; B2 = Active Listening; B3 = Critical Thinking; B4 = Learning Strategies; B5 = Mathematics; B6 = Monitoring; B7 = Reading Comprehension; B8 = Science; B9 = Speaking; B10 = Writing;
Complex Problem Solving Skills: C1 = Complex Problem Solving; **Resource Management Skills:** R1 = Management of Financial Resources; R2 = Management of Material Resources; R3 = Management of Personnel Resources; R4 = Time Management;
Social Skills: SO1 = Coordination; SO2 = Instructing; SO3 = Negotiation; SO4 = Persuasion; SO5 = Service Orientation; SO6 = Social Perceptiveness; **Systems Skills:** SY1 = Judgment and Decision Making; SY2 = Systems Analysis; SY3 = Systems Evaluation; and **Technical Skills:** T1 = Equipment Maintenance; T2 = Equipment Selection; T3 = Installation; T4 = Operation and Control; T5 = Operation Monitoring; T6 = Operations Analysis; T7 = Programming; T8 = Quality Control Analysis; T9 = Repairing; T10 = Technology Design; T11 = Troubleshooting.

Sources:
Education/Training Level: Bureau of Labor Statistics, U.S. Department of Labor; **Employment:** 2008-2018 Occupational Projections (based on 2008 annual employment data), Labor Market and Workforce Information Division, Iowa Workforce Development; **Skills:** Occupational Information Network (O*NET), Employment and Training Administration, U.S. Department of Labor; **Wages:** 2011 Iowa Wage Survey estimates, Labor Market and Workforce Information Division, Iowa Workforce Development. Estimates developed from the May 2010 Occupational Employment Statistics (OES) Wage Survey updated to the second quarter of 2011 using the Employment Cost Index.

This publication was produced by the Labor Market and Workforce Information Division of Iowa Workforce Development. Inquiries may be directed to Brent Paulson at 515.281.3439 or Brent.Paulson@iwd.iowa.gov. Visit <http://iwin.iowaworkforce.org/> to obtain the latest workforce data and trends including this document under the **Publications** tab. Published 12/2011.